

WAIS Inc.

WAIS Inc: Riding the Digital Explosion

Brewster Kahle
President
Wide Area Information Servers, Inc.
August 1994

MITRE '94

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The Future of Information Technology

- Digital
- Personal
- Ubiquitous
- Multimedia: text -> video

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- Today the Internet: 56kb-1Mb
- Tomorrow:
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 - CamCorders: 100kB/sec
 - Satellite Dishes: Gb/sec

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- Tomorrow: Merging TV, Telephone, and Databases
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- Internal coordination
- Using external sources: standards standards standards

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WAIS Inc's Role in the NII

- What pieces are complete
- 5 year strategy to achieve this vision
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WAIS Strategy: Tools and Services for Publishing

- **Tools: Protocols and Servers**
- **Services: Running Systems, Constructing Systems**

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WAIS: 1993

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- Web Client will be commodity and stabilize
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Hypertext links are not enough

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WAIS Inc.'s Solution

- Post it once: HTTP, Z39.50, FAX etc from one DB
- Integrated Network book (using Z39.50-v2)
 - Search
 - Browse
 - Hypertext
 - Security
- Active Clients: Towards Agents

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WAIS: 1996-2000: Integrated Publishing Solution

- Integrate Video
- Integrate Scanned Documents

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Easier publishing

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Better Statistics Gathering

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- In operation now:
 - Dow Jones, New York Times
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- Fault Tolerance:
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